

10/560978

MAPO Rec'd PCT/PTO 16 DEC 2005

Docket No. 281278US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Claudio SOTO-JARA, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/EP04/51170

GAU:

FILED: Herewith

EXAMINER:

FOR: USE OF PRION CONVERSION MODULATING AGENTS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MH/

Form PTO 1449 (Mod/Rev)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 281278US0PCT	SERIAL NO. New U.S. PCT Application Based on PCT/EP04/51170
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Claudio SOTO-JARA, et al.	
		FILING DATE Herewith	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	2002/0154426	10/24/02	LANG, Heinrich et al.			
AB	6,462,171	10/8/02	SOTO-JARA, Claudio et al.			
AC	6,022,683	2/8/00	POIRIER, Judes			
AD	2004/0018554	1/29/04	GREEN, Larry R.			
AE	5,276,059	1/4/94	CAUGHEY, Byron et al.			
AF	5,134,121	7/28/92	MOBLEY, William C.			
AG	6,355,610	3/12/02	CHESEBRO, Bruce W. et al.			
AH	5,948,763	9/7/99	SOTO-JARA, Claudio et al.			
AI	6,369,075	4/9/02	RUGGERI, Roger et al.			
AJ	6,197,972	3/6/01	HEERES, Jan et al.			
AK	2002/0128175	9/12/02	ANANTHARAMAIAH, Gattadahalli M.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
AL	02/065133	8/22/02	WO (with English abstract)		No
AM	03/005037	1/16/03	WO (with English abstract)		No
AN	97/14437	4/24/97	WO		No
AO	99/15159	4/1/99	WO		No
AP	02/04954	1/17/02	WO		No
AQ	03/002533	1/9/03	WO		No
AR	01/68710	9/20/01	WO		No
AS	03/045921	6/5/03	WO		No
AT	2004/043403	5/27/04	WO		No

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AU	LINGAPPA, V.R. et al.: "Translocations Pausing and the Regulation of Membrane Protein Biogenesis" MEMBRANE PROTEINS: STRUCTURE, FUNCTION AND EXPRESSION CONTROL KYUSHU UNIVERSITY PRESS: S. KARGER AG, & INTERNATIONAL SYMPOSIUM, Pages 93-104 (XP001183818) 1997
AV	CLAVEY, V. et al.: "Interaction entre le LDL-recepteur et les Lipoproteines Contenant de l'Apo B" / "Interaction Between the LDL Receptor and the Lipoproteins Containing APOB", ANNALES D' ENDOCRINOLOGIE, Masson, Paris, France; Vol. 52, Pages 459-463 (XP001029770), 1991
AW	BAIJMANN, Marc H. et al.: "Apolipoprotein E includes a binding site which is recognized by several amyloidogenic polypeptides" BIOCHEMICAL JOURNAL, (XP002262330), Vol. 349, Pages 77-84, 2000
AX	DIEDRICH, Jane F. et al.: "Neuropathological changes in scrapie and Alzheimer's disease are associated with increased expression of apolipoprotein E- and cathepsin D in astrocytes" JOURNAL OF VIROLOGY (XP000443989), Vol. 65, No. 9, Pages 4759-4768, September 1991
AY	CHOE, Leila H. et al.: "Apolipoprotein E and other cerebrospinal fluid proteins differentiable ante mortem variant Creutzfeldt-Jakob disease from ante mortem sporadic Creutzfeldt-Jakob disease" ELECTROPHORESIS (XP002262331), Vol. 23, No. 14, Pages 2242-2246, 2002
AZ	GOLAZ, Olivier et al.: "Phenotyping of apolipoprotein E using immobilized pH gradient gels for one-dimensional and two-dimensional separations" ELECTROPHORESIS (XP009021630), Vol. 16, No. 7, Pgs 1184-1186, 1995

Examiner _____ Date Considered _____

Additional References sheet(s) attached

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 281278US0PCT	SERIAL NO. New U.S. PCT Application Based on PCT/EP04/51170
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Claudio SOTO-JARA, et al.
		FILING DATE Herewith	GROUP	
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)				
AAB	LUCASSEN, Ralf et al.: "In Vitro Amplification of Protease-Resistant Prion Protein Requires Free Sulfhydryl Groups" BIOCHEMISTRY (XP002262517) Vol. 42, No. 14, Pages 4127-4135, 2003			
AAC	ENARI, M, et al.: "Scrapie prion protein accumulation by scrapie-infected neuroblastoma cells abrogated by exposure to a prion protein antibody" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, US, Vol. 98, No. 16, Pages 9295-9299 (XP002959455) July 31, 2001			
AAD	SCHULZ-SCHAEFFER, Walter J, et al.: "The Paraffin-Embedded Tissue Blot Detects PrP ^{Sc} Early in the Incubation Time in Prion Diseases" AMERICAN JOURNAL OF PATHOLOGY (XP002262332) Vol. 155, No. 1, Pages 51-56, January 2000.			
AAD	KORTH, C, et al.: "Prion (PrP ^{Sc})-specific epitope defined by a monoclonal antibody" NATURE, MacMillan Journals Ltd. London, GB (XP002089611) Vol. 390, Pages 74-77, November 6, 1997			
AAE	AIZAWA, Yuji et al.: "Amino-terminus truncated apolipoprotein E is the major species in amyloid deposits in Alzheimer's disease-affected brains: a possible role for apolipoprotein E in Alzheimer's disease" BRAIN RESEARCH Vol. 768, Pages 208-214, 1997			
AAF	BARON, Gerald S, et al.: "Conversion of raft associated prion protein to the protease-resistant state requires insertion of PrP-res (PrP ^{Sc}) into contiguous membranes" THE EMBO JOURNAL Vol 21, No. 5, Pages 1031-1040, 2002			
AAG	BRUCE, M.E, et al.: "Transmissions to mice indicate that 'new variant' CJD is caused by the BSE agent" NATURE, Vol. 389, Pages 498-501, October 2, 1997			
AAH	BUELER, H, et al.: "Mice Devoid of Prp Are Resistant to Scrapie" CELL Vol. 73, Pages 1339-1347, July 2, 1993			
AAI	CHABRY, Joelle et al.: "Specific Inhibition of In Vitro Formation of Protease-resistant Prion Protein by Synthetic Peptides" THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 273, No. 21, Pages 13203-13207, May 22, 1998			
AAJ	CHOI, Sungshin Y, et al.: "Dissociation of LPL and LDL: effects of lipoproteins and anti-apoB antibodies" JOURNAL OF LIPID RESEARCH, Vol. 38, Pages 77-85, 1997			
AAK	COHEN, Fred E, et al.: "Pathologic Conformations of Prion Proteins" ANNU. REV. BIOCHEM., Vol 67, Pages 793-819, 1998			
AAL	FANTINI, Jacques et al.: "Lipid rafts: structure, function and role in HIV, Alzheimer's and prion diseases" EXPERT REVIEWS IN MOLECULAR MEDICINE, Pages 1-22, December 20, 2002			
AAM	HOOPER, Nigel M.: "Detergent-insoluble glycosphingolipid/cholesterol-rich membrane domains, lipid rafts and caveolae (Review)" MOLECULAR MEMBRANE BIOLOGY, Vol. 16, Pages 145-156, 1999			
AAN	PAN, Keh-Ming et al.: "Conversion of α -helices into β -sheets features in the formation of the scrapie prion proteins" PROC. NATL. ACAD. SCI. USA, Vol. 90, Pages 10962-10966, December 1993			
AAO	PRUSINER, Stanley B.: "Molecular Biology of Prion Diseases" SCIENCE, Vol. 252, Pages 1515-1522, June 14, 1991			
AAP	PRUSINER, Stanley B.: "Prions" PROC. NATL. ACAD. SCI. USA, Vol. 95, Pages 13363-13383, November 1998			
AAQ	ROOS, Raymond et al.: "The Clinical Characteristics of Transmissible Creutzfeldt-Jakob Disease" BRAIN, Vol. 96, Pages 1-20, 1973			
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
AAR	SABORIO, Gabriela P. et al.: "Cell-Lysate Conversion of Prion Protein into its Protease-Resistant Isoform Suggest the Participation of a Cellular Chaperone" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, Vol. 258, Pages 470-475, 1999				
AAS	SABORIO, Gabriela P. et al.: "Sensitive detection of pathological prion protein by cyclic amplification of protein misfolding", NATURE, Vol. 411, Pages 810-813, June 14, 2001				
AAT	SEGREST, Jerry P. et al.: "Structure of apolipoprotein B-100 in low density lipoproteins" JOURNAL OF LIPID RESEARCH, Vol. 42, Pages 1346-1367, 2001				
AAU	SIMONS, Kai et al.: "Lipid Rafts and Signal Transduction" MOLECULAR CELL BIOLOGY, Vol. 1, Pages 31-41, October 2000				
AAV	SCOTT, Michael R. et al.: "Compelling transgenic evidence for transmission of bovine spongiform encephalopathy prions to humans" PROC. NATL. ACAD. SCI. USA, Vol. 96, No. 26, Pages 15137-15142, December 21, 1999				
AAW	SOTO, Claudio et al.: "Prions: disease propagation and disease therapy by conformational transmission" TRENDS IN MOLECULAR MEDICINE, Vol. 7, No. 3, Pages 109-114, March 2001				
AAX	TARABOULOS, Albert et al.: "Cholesterol Depletion and Modification of COOH-Terminal Targeting Sequence of the Prion Protein Inhibit Formation of the Scrapie Isoform" THE JOURNAL OF CELL BIOLOGY, Vol. 129, No. 1, Pages 121-132, April 1995				
AAY	TELLING, Glenn C. et al.: "Transmission of Creutzfeldt-Jakob disease from humans to transgenic mice expressing chimeric human-mouse prion protein" PROC. NATL. ACAD. SCI. USA, Vol. 91, Pages 9936-9940, October 1994				
AAZ	TSUI-PIERCHALA, Brian A. et al.: "Lipid rafts in neuronal signaling and function" TRENDS IN NEUROSCIENCES, Vol. 25, No. 8, Pages 412-417, August 2002				
ABA	WANG, Xingyu et al.: "Well-Defined Regions of Apolipoprotein B-100 Undergo Conformational Change During Its Intravascular Metabolism" ARTERIOSCLER THROMB VASC BIOL., Vol. 20, Pages 1301-1308, 2000				
ABB	WILL R. G. et al.: "A new variant of Creutzfeldt-Jakob disease in the UK" LANCET, Vol. 347, Pages 921-925, 1996				
ABC	YAMADA, Toshiyuki et al.: "Further Characterization of a Monoclonal Antibody Recognizing Apolipoprotein E Peptides in Amyloid Deposits" ANNALS OF CLINICAL AND LABORATORY SCIENCE, Vol. 27, No. 4, Pages 276-281, 1997				
ABD					
ABE					
ABF					
ABG					
ABH					
Examiner /Michelle Horning/				Date Considered 07/30/2008	
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STATEMENT OF RELEVANCY

- 1) References AA-AD, AL-AO, AU-AZ and AAA-AAB have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References AAC and AAD have been cited in the corresponding Partial European Search Report. A copy of these references is being submitted herewith.
- 3) References AE-AK, AP-AT and AAE-ABC are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References _____ are additional prior art known to Applicant. A copy of these references is being submitted herewith.